

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137875.D
 Acq On : 10 May 2024 12:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 11 00:30:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	292576	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	1117422	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	611685	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	1008345	20.000	ng	0.00
76) Chrysene-d12	14.251	240	605529	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	544671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1732477	99.142	ng	0.00
7) Phenol-d6	6.681	99	2230577	100.636	ng	0.00
23) Nitrobenzene-d5	7.622	82	1501142	78.049	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	695327	111.333	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2817919	74.739	ng	0.00
79) Terphenyl-d14	13.186	244	3092573	85.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	316711	40.248	ng	96
3) Pyridine	3.734	79	661033	34.709	ng	97
4) n-Nitrosodimethylamine	3.716	42	313383	36.542	ng	96
6) Aniline	6.722	93	841583	38.308	ng	100
8) 2-Chlorophenol	6.845	128	718987	37.755	ng	95
9) Benzaldehyde	6.610	77	433382	36.308	ng	99
10) Phenol	6.693	94	818798	36.052	ng	98
11) bis(2-Chloroethyl)ether	6.793	93	663567	37.314	ng	99
12) 1,3-Dichlorobenzene	6.998	146	832657	38.773	ng	97
13) 1,4-Dichlorobenzene	7.075	146	830589	38.546	ng	98
14) 1,2-Dichlorobenzene	7.228	146	761896	37.540	ng	99
15) Benzyl Alcohol	7.193	79	583178	38.046	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	860315	34.418	ng	97
17) 2-Methylphenol	7.293	107	600322	39.067	ng	98
18) Hexachloroethane	7.569	117	289853	39.790	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	466145	35.191	ng	96
20) 3+4-Methylphenols	7.451	107	748280	37.013	ng	90
22) Acetophenone	7.463	105	957069	38.083	ng	# 99
24) Nitrobenzene	7.640	77	768920	38.790	ng	98
25) Isophorone	7.875	82	1346514	38.829	ng	100
26) 2-Nitrophenol	7.951	139	398356	44.377	ng	94
27) 2,4-Dimethylphenol	7.981	122	504863	39.066	ng	99
28) bis(2-Chloroethoxy)met...	8.081	93	793576	37.796	ng	99
29) 2,4-Dichlorophenol	8.192	162	621843	39.810	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	686268	40.301	ng	99
31) Naphthalene	8.363	128	2124892	38.265	ng	99
32) Benzoic acid	8.110	122	464442	41.658	ng	95
33) 4-Chloroaniline	8.404	127	767669	37.280	ng	99
34) Hexachlorobutadiene	8.469	225	431297	41.254	ng	99
35) Caprolactam	8.792	113	187851m	37.956	ng	
36) 4-Chloro-3-methylphenol	8.881	107	633724	38.904	ng	97
37) 2-Methylnaphthalene	9.051	142	1370181	38.118	ng	99
38) 1-Methylnaphthalene	9.151	142	1328215	37.558	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	654599	40.405	ng	100
41) Hexachlorocyclopentadiene	9.198	237	271289	41.227	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	436914	39.619	ng	99

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44) 2,4,5-Trichlorophenol	9.363	196	486968	39.991	ng	96
46) 1,1'-Biphenyl	9.516	154	1631065	38.854	ng	100
47) 2-Chloronaphthalene	9.545	162	1329062	39.215	ng	98
48) 2-Nitroaniline	9.639	65	361707	39.352	ng	94
49) Acenaphthylene	9.963	152	1857605	37.890	ng	100
50) Dimethylphthalate	9.816	163	1496799	38.762	ng	100
51) 2,6-Dinitrotoluene	9.881	165	359151	40.698	ng	96
52) Acenaphthene	10.139	154	1256451	38.664	ng	99
53) 3-Nitroaniline	10.057	138	352721	38.168	ng	97
54) 2,4-Dinitrophenol	10.151	184	186974	43.120	ng	# 87
55) Dibenzofuran	10.310	168	1781086	37.663	ng	98
56) 4-Nitrophenol	10.198	139	280039	36.562	ng	98
57) 2,4-Dinitrotoluene	10.286	165	470843	40.840	ng	94
58) Fluorene	10.651	166	1405765	37.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	368680	37.293	ng	99
60) Diethylphthalate	10.516	149	1408230	38.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	704641	37.997	ng	99
62) 4-Nitroaniline	10.675	138	350399	37.382	ng	96
63) Azobenzene	10.798	77	1270758	35.851	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	262147	45.295	ng	98
66) n-Nitrosodiphenylamine	10.763	169	1193885	39.554	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	449892	41.689	ng	99
68) Hexachlorobenzene	11.198	284	495606	42.025	ng	99
69) Atrazine	11.280	200	313449	34.058	ng	99
70) Pentachlorophenol	11.392	266	307339	37.960	ng	99
71) Phenanthrene	11.622	178	1859379	37.832	ng	100
72) Anthracene	11.675	178	1876452	38.372	ng	100
73) Carbazole	11.828	167	1816550	38.544	ng	100
74) Di-n-butylphthalate	12.145	149	2125518	41.344	ng	99
75) Fluoranthene	12.816	202	1996574	37.163	ng	99
77) Benzidine	12.927	184	338120	24.144	ng	99
78) Pyrene	13.045	202	2063182	42.973	ng	100
80) Butylbenzylphthalate	13.651	149	723483	47.494	ng	97
81) Benzo(a)anthracene	14.233	228	1524656	39.367	ng	100
82) 3,3'-Dichlorobenzidine	14.192	252	439175	37.879	ng	100
83) Chrysene	14.274	228	1420983	39.185	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	892124	46.470	ng	99
85) Di-n-octyl phthalate	14.833	149	1326923	51.358	ng	98
87) Indeno(1,2,3-cd)pyrene	17.457	276	1348297	43.541	ng	99
88) Benzo(b)fluoranthene	15.345	252	1308894	38.624	ng	99
89) Benzo(k)fluoranthene	15.374	252	1274049	38.897	ng	99
90) Benzo(a)pyrene	15.751	252	1075166	38.889	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	1108044	43.960	ng	99
92) Benzo(g,h,i)perylene	17.962	276	1189718	45.025	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

